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UNITED STATES DEPARTMENT OF AGRICULTURE RURAL ELECTRIFICATION ADMINISTRATION WASHINGTON 25, D. C.

April 9, 1951

To

: All System Engineers and System Managers

From

: J. K. O'Shaughnessy, Chief,

Engineering Division

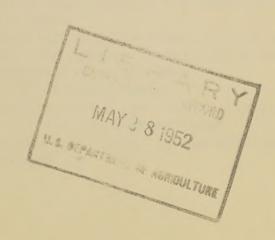
Subject: Current Engineering Memoranda

Attached is a list of Engineering Memoranda which are in effect as of April 9, 1951. Kindly check the supply which you have on hand against this list. Request any Memoranda which you do not have, and limit such request only to those which are missing.

It is strongly recommended that a complete set of current Engineering Memoranda be kept in a loose leaf binder for reference. Memoranda no longer in effect should be removed from the binder.

J. K. O'Shaughnery

Attachment





CURRENT ENGINEERING MEMORANDA ISSUED BY ENGINEERING DIVISION

NUMBER	TITLE
lR3	Loading Districts
7R4	Adequate Grounding on Distribution Line
21R4	Fuse Ratings
22R	Defective Materials
33R4	Voltage Drop
46R4	Location of Overhead Distribution and Trans-
	mission lines in the Vicinity of Landing
	Areas and Radio Range Stations
50R6	Conductor Installation
52R2	Cost Breakdown
53R2 58R6	Changes or Corrections in Line Construction
JORO	Final Inventory Documents, Labor and Material Contracts, REA Form DS-7R
60R2	Selection of Transformer Sizes
63R5	Energizing Procedure for Distribution-Type
	Borrowers
64R4	Pole Numbering
69R7	Reduced Size Neutral For 12.47/7.2 and
	24.9/14.4 KV Systems
71R2	Advertisement of Bid Openings
72R18	Pole Inspection Companies and Inspectors
78R4	Payment of Prevailing Wages in Connection with
	Construction of Electric Facilities by Rural Electrification Administration Borrowers
Supplement No. 1 to 78R	Submission of Contractor's Pay Rolls
80R4	Economical Choice of Poles
82R2	Elimination of Objectionable Radio Interference
	Due to Faulty Construction or Defective
	Equipment on Borrowers' Lines
83R1	Accident Reports
87R4	Instructions to System Engineers Concerning
	Problems of Securing Clear Route for REA
- busine management	Line Construction
92R2	Procedures in Preparation of Construction
2276	Contract Amendments
93R6	Right-of-Way Clearing for Distribution-Type Borrowers
94R5	
95R6	Substations for Distribution Type Borrowers Meter Loop Service Installations and
7)110	Termination of Services
97R1	Special Assembly Units
113R3	Industrial Power Application (Large Power)
118R2	Use of Line Abandonment Order
120R2	Location and Size of System Sectionalizing
	Devices

Conductor Separation to Meet Code Requirements Specifications for the Treatment and Inspection of Treated Timber Purchased by REA Borrowers Alternative Specifications for the Treatment and Inspection of Treated Timber Purchased by REA Borrowers Supplement No. 2 to 133R2 Supplement No. 3 to 133R2 Supplement No. 4 to 133R2 Supplement No. 5 to 133R2 Supplement No. 6 to 133R2 Supplement No. 6 to 133R2 Supplement No. 7 to 133R2 Supplement No. 8 to 133R2 Supplement No. 8 to 133R2 Supplement No. 9 to 133R2 Supplement No. 1 to 172 Supplement No. 5 to 172 ITA	Conductor Separation to Mest Code Requirements Specifications for the Treatment and Inspection of Treated Timber Purchased by REA Borrowers Alternative Specifications for the Treatment and Inspection of Treated Timber Purchased by REA Borrowers Supplement No. 2 to 133R2 Specifications for Distribution Line Crossarms- ("In the White") - Purchased by REA Borrowers Supplement No. 3 to 133R2 Treatment Report Instructions - Treatment and Inspection of Treated Timber Purchased by REA Borrowers Supplement No. 3 to 133R2 Treatment Report Instructions - Treatment and Inspection of Treated Conductor Treatment Report Instructions - Treatment and Inspection of Treated Timber Purchased by REA Borrowers Removal of Lines from Military Areas Suggestions for Use of Steel Conductor Maximum Span Length Based Upon Pole Strength for Class 8 and 9 Poles Service and Secondary Conductors Engineering Assistance to REA Borrowers by Manufacturers or Material Suppliers Changes in Construction Contract, REA Form DS-TR2 and DS-TOR4 REA Maps for Distribution-Type Borrowers Workmen's Compensation Insurance Requirements of Engineering Service Contracts Progress Schedule Inductive Coordination with Communication Lines Loan Funds for Force Account Labor in Connection with Construction Under Contract Preparation of Plans and Specifications Award of Contracts Based on Competitive Bidding Payments Due Contractors, Borrower's Engineers and Suppliers Selection of Type of Conductor Construction Procedures for Distribution Systems (TIRE) Guys and Anchors for Distribution Systems Grade C Construction of a Project by Force Account Payment to System Engineers for Preliminary Plans and Specifications
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under Contract with REA Borrowers Construction for Power Supply Conductors	
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191	Radio Communications Investigation of Defective Pole Shipments
192	Engineering Services
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197	Transmission Line Wood Cross Arm and Cross Arm Brace Specifications
198	Supplement No. 1 to Materials Contract, REA Form DS-18R6
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213		Final Inventory Documents - Materials By Borrowers	Furnished
214		Purchase Cost of Transformers	
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402		Substation Inspection and Maintenance	a porrowers
403		Painting of Steel Substation Structure	s and Fences
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